

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3281948	(transm\$5 same receiv\$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 18:31
L2	62903	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 18:31
L3	10457	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 18:31
L4	5575	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 18:31
L5	30	L1 and L2 and L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 18:31
S64	905013	(transm\$5 same receiv\$5 transceiv\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:39
S66	119	(lead\$1 electric\$4 circuit\$3) same (insulat\$5 near7 (electromag\$5 electr\$4 adj1 magnet\$4) near5 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:19
S69	15	S64 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:32
S70	23346	((esa electr\$5 circuit\$1) same (lead\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:39
S71	6	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:33
S72	6	S71 and leads	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:34
S73	2372696	(transm\$5 same receiv\$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:39
S74	35959	((esa electr\$5 circuit\$1) same (lead\$2 wiring\$1) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:54

S75	3647	(lead\$1 electric\$4) same ((electromag\$5 electr\$4 adj1 magnet\$4) near5 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:41
S76	4439	(lead\$1 electric\$4 circuit \$1) same ((electromag \$5 electr\$4 adj1 magnet \$4) near5 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:09
S77	4129	(lead\$1 electric\$4 circuit \$1) same ((electromag \$5 electr\$4 adj1 magnet \$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:59
S78	76	S73 and S74 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:44
S79	38	S78 and (electric\$4 near3 (lead\$1 wiring\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:45
S80	3	S78 and (electric\$4 near3 (lead\$1 wiring\$2)) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:53
S81	13	S78 and (electric\$4 near3 (lead\$1 wir\$5)) same absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:52
S82	18	S78 and (electric\$4 near3 (lead\$1 wir\$5 conduct\$5)) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:56
S83	41341	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic \$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 18:06
S84	8077	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:57
S85	3894	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 16:59
S86	21	S73 and S83 and S84 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 11:04
S87	17	S86 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:56
S88	3	("5110216" "4204742" "20040146452").pn.	US-PGPUB; USPAT	OR	OFF	2006/01/11 17:52

S89	3	S88 and (elect\$6 circuit \$1) same absor\$5 same (waveguid\$2 fiber\$1 fibre \$1 optic\$4)	US-PGPUB; USPAT	OR	OFF	2006/01/12 10:34
S90	1	"4204742".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:06
S91	1	S90 and (esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 18:07
S92	3	S88 and (elect\$6 circuit \$1) near7 absor\$5	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:29
S93	1	"20040146452".pn.	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:30
S94	1	S93 and (absor\$6 same material\$4)	US-PGPUB; USPAT	OR	OFF	2006/01/11 18:30
S95	1	S93 and (iron ferrite dielectrically silicon si urethane vinyl plastic rubber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 18:32
S96	1	S93 and (iron ferrite dielectric\$4 silicon si urethane vinyl plastic rubber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 18:32
S97	1	"20040146452".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:16
S98	1	S97 and (elect\$6 circuit \$1) same (waveguid\$2 fiber\$1 fibre\$1 optic\$4 photo\$7 detect\$5) and absor\$5	US-PGPUB; USPAT	OR	OFF	2006/01/12 11:07
S99	1	S97 and (absor\$5 near7 (coat\$5 layer\$1 element \$2 member\$2 unit\$1))	US-PGPUB; USPAT	OR	OFF	2006/01/12 10:51
S100	1	S97 and (absor\$5 near7 (coat\$5 layer\$1 element \$2 member\$2 unit\$1 wiring\$2 lead\$1))	US-PGPUB; USPAT	OR	OFF	2006/05/08 18:04
S101	2374653	(transm\$5 same receiv \$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 11:04
S102	41418	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic \$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 11:04
S103	8086	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:58

S104	3900	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:10
S105	21	S101 and S102 and S103 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:59
S106	36	S102 and S103 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 11:06
S107	15	S106 not S105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S108	10	S107 and (elect\$6 circuit\$1) same (waveguid\$2 fiber\$1 fibre\$1 optic\$4 photo\$7 detect5) same absor\$5	US-PGPUB; USPAT	OR	OFF	2006/01/12 11:07
S109	7	S107 and (wiring\$2 leads electrod\$ lines)	US-PGPUB; USPAT	OR	OFF	2006/01/12 11:08
S110	7	S108 and (wiring\$2 leads electrod\$ lines)	US-PGPUB; USPAT	OR	OFF	2006/01/12 11:09
S111	2374653	(transm\$5 same receiv\$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S112	41418	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S113	8086	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S114	3900	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S115	21	S111 and S112 and S113 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S116	36	S112 and S113 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S117	15	S116 not S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 13:20
S119	2	("4204742" "20040146452") pn.	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:45
S120	1	10/809298	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 14:07

S122	1	S120 and (radio rf) same (connect\$4 electr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 14:09
S123	2	S119 and (iron fe\$2 dielectric\$5 ferr\$4 steel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 15:43
S124	2	S119 and absor\$5 and (iron fe\$2 dielectric\$5 ferr\$4 steel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/12 15:43
S125	2465366	((transm\$5 same receiv\$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:54
S126	43657	((esa electr\$5 circuit\$1) near\$4 (lead\$2 wir\$5 conductor\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:27
S127	8292	(electric\$4 circuit\$1) near\$3 (lead\$1 wir\$5 conduct\$5) near\$12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:37
S128	4087	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj\$1 magnet\$4) near\$4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:23
S129	22	S125 and S126 and S127 and S128	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:19
S130	174521	(lead\$1 wir\$3 conduct\$5) same absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:02
S131	76323	(lead\$1 wir\$5 conduct\$5) near\$12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:30
S132	46132	((esa electr\$6 circuit\$1) near\$4 (lead\$2 wir\$5 conductor\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:27
S133	774701	(radio rf radiofrequenc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:03
S134	117026	(board\$2 pc circuit\$1 subassemb\$4) same dielectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:34
S135	139	S130 and S132 and S133 and S134	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:35
S136	126980	(radio rf radiofrequenc\$4) near\$12 (lead\$1 wir\$5 conduct\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:38

S137	55	S135 and S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:39
S138	1	10/809298	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 19:09
S139	1	S138 and (rf radio) and absor\$5 and (board\$1 same dielectri\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:06
S140	20	S137 and (rf radio) same absor\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:53
S141	0	S140 and (optio\$4 same communicat44)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:53
S142	18	S140 and (transm\$5 same receiv\$5 transceiv \$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:55
S143	0	S142 and optio44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:54
S144	262783	(transm\$5 same receiv \$5 transceiv\$5 anten\$3 communication\$1) same optio\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:55
S145	41	S137 and S144	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 15:58
S146	41	("20060092079" "20060030913" "20060020312" "20050231855" "20050230822" "20050218398" "20050218397" "20050213895" "20050202173" "20050199731" "20050194663" "20050151062" "20050135724" "20050023656" "20040247522" "20040220753" "20040112964" "20040082842" "20030169204" "20030129117" "20020167013" "20020162947" "20020109074" "7030477" "7019391" "7016569" "6952530"	US-PGPUB; USPAT	OR	OFF	2006/05/08 15:59

		"6936854" "6936808" "6906506" "6830221" "6795025" "6563463" "6563092" "5982253" "5864089" "5730922" "5409777" "5246782" "5181026" "5006846"). pn.				
S147	30	S146 and (board\$1 pc)	US-PGPUB; USPAT	OR	OFF	2006/05/08 16:00
S148	24	S146 and (board\$1 pcb)	US-PGPUB; USPAT	OR	OFF	2006/05/08 16:04
S149	30	S146 and (board\$1 pcb pc)	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:07
S150	24	S145 and S148	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:01
S151	331	(radio rf radiofrequenc \$4) near10 (lead\$1 wir \$3 conductor\$1) same (lead\$1 wir\$3 conductor \$1) near9 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:02
S152	20374	(board\$1 pcb pc) same dielectri\$4	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:07
S153	33866	(board\$1 pcb pc) same dielectri\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:08
S154	15	S151 and S153	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:09
S155	255355	((light beam\$1 optic\$4 electromag\$5 electr\$4 adj1 magnet\$4) near7 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:00
S156	7	S154 and S155	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:32
S157	3	("20030096529" "6579116" "5914693"). pn.	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:56
S158	3	S157 and (lead\$1 wir\$3 conductor\$1) same ((light beam\$1 optic\$4 electromag\$5 electr\$4 adj1 magnet\$4) near7 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:54
S159	3	S157 and (radio rf radiofrequenc\$4) near16 (lead\$1 wir\$3 conductor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 17:50
S160	2	("20040146452" "4204742").pn.	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:30

S164	3	S157 and (radio rf radiofrequenc\$4) near12 (lead\$1 wir\$3 conductor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:12
S165	0	S160 and (radio rf radiofrequenc\$4) near12 (lead\$1 wir\$3 conductor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:08
S166	2	S157 and (absor\$5 near7 (coat\$5 layer\$1 element\$2 member\$2 unit\$1 wiring\$2 lead\$1))	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:31
S167	2	S160 and (absor\$5 near7 (coat\$5 layer\$1 element\$2 member\$2 unit\$1 wiring\$2 lead\$1))	US-PGPUB; USPAT	OR	OFF	2006/05/08 18:06
S168	0	S167 and (radio rf radiofrequenc\$4) near12 (lead\$1 wir\$3 conductor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:08
S170	1	S160 and (radio rf radiofrequenc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/08 18:12
S171	2	("20040146452" "4204742").pn.	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:30
S172	2	S171 and (absor\$5 near7 (coat\$5 layer\$1 element\$2 member\$2 unit\$1 wiring\$2 lead\$1)) and absor\$4	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:37
S173	2	S171 and (absor\$5 near7 (coat\$5 layer\$1 element\$2 member\$2 unit\$1 wiring\$2 lead\$1)) and absor\$4 near12 material\$3	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:38
S174	2	S171 and absor\$4 near14 (compound\$4 compound\$3 material\$3 nonmetal\$4)	US-PGPUB; USPAT	OR	OFF	2006/05/18 17:39
S175	2478051	((transm\$5 same receiv \$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:59
S176	44050	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic \$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:59
S177	8351	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:59



S178	4120	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 13:59
S179	22	S175 and S176 and S177 and S178	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:54
S180	2478051	(transm\$5 same receiv\$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:54
S181	44050	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic\$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:54
S182	8351	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 16:11
S183	4120	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 15:54
S184	22	S180 and S181 and S182 and S183	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:04
S185	1	"20040146452"	US-PGPUB; USPAT	OR	OFF	2006/09/07 11:37
S186	1	S185 and S184	US-PGPUB; USPAT	OR	OFF	2006/05/25 16:10
S187	0	S186 and electric\$5 same obsor\$5	US-PGPUB; USPAT	OR	OFF	2006/05/25 16:10
S188	1	S186 and (electric\$4 circuit\$1 lead\$1 wir\$5 conduct\$5) near12 absor\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 16:11
S189	1	"20040146452"	US-PGPUB; USPAT	OR	OFF	2007/01/29 12:38
S190	1	S189 and (absor\$5 resin material cover\$4 coat\$4 film\$3)	US-PGPUB; USPAT	OR	OFF	2006/09/07 12:16
S191	1	S189 and (absor\$5 resin material cover\$4 coat\$4 film\$3) same (wir\$4 lead\$2)	US-PGPUB; USPAT	OR	OFF	2007/01/29 12:37
S192	1	S190 and (absor\$5 resin material cover\$4 coat\$4 film\$3) same (wir\$4 lead\$2)	US-PGPUB; USPAT	OR	OFF	2006/09/07 12:19

S193	1	S192 and (absor\$5 resin material cover\$4 coat\$4 film\$3) same (wir\$4 lead \$2) same (ld pd photo photodiod\$2 photodetect \$4 laser\$2 driver\$2 emit \$5)	US-PGPUB; USPAT	OR	OFF	2006/09/07 12:31
S194	1	S189 and (absor\$5 resin material cover\$4 coat\$4 film\$3) same (wir\$4 lead \$2) same (ld pd photo photodiod\$2 photodetect \$4 laser\$2 driver\$2 emit \$5)	US-PGPUB; USPAT	OR	OFF	2006/09/07 12:20
S195	1	"20040146452"	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:08
S196	1	S195 and (absor\$5 resin \$2 material cover\$4 coat \$4 film\$3) same (wir\$4 lead\$2 electric\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/29 12:42
S197	1	S195 and (absor\$5 rubber\$1 plastic resin\$2 material cover\$4 coat\$4 film\$3) same (wir\$4 lead \$2 electric\$4)	US-PGPUB; USPAT	OR	OFF	2007/01/29 12:42
S198	2731408	(transm\$5 same receiv \$5 transceiv\$5 anten\$3 communication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:04
S199	50050	((esa electr\$5 circuit\$1) near4 (lead\$2 wir\$5 conductor\$2) same (optic \$4 osa))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:04
S200	9015	(electric\$4 circuit\$1) near3 (lead\$1 wir\$5 conduct\$5) near12 absor \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:04
S201	4609	(electric\$4 circuit\$1) same ((electromag\$5 electr\$4 adj1 magnet\$4) near4 absor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:04
S202	25	S198 and S199 and S200 and S201	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:56
S203	1	11/431331	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 11:16
S204	3	10/809298	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 19:59
S205	0	S204 and casin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:00

S206	3	S204 and casing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:14
S207	3	S206 and (dielectric support board electrical lead\$1 magnetic\$5 near\$9 (loaded iron ferrite dielectrically silicon urethane vinyl plastic silicon rubber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:36
S208	1	S203 and (dielectric support board electrical lead\$1 magnetic\$5 near\$9 (loaded iron ferrite dielectrically silicon urethane vinyl plastic silicon rubber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:36
S209	1	S203 and (support near\$7 board\$1) same (lead\$1 electromagnetic absorb \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:58
S210	3	S204 and (support board \$1) same (lead\$1 electromagnetic absorb \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/26 20:58
S211	1	"20040146452"	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:08
S212	1	S211 and (support\$4 carri\$4 substrat\$3 dielectr\$4)	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:17
S213	2	("20050035896" "20040146452").pn.	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:16
S214	1	11/431331	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 11:16
S215	1	S211 and (support\$4 carri\$4 substrat\$3 resin silic\$4 material\$2) near\$12 dielectr\$4	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:18
S216	1	S214 and (support\$4 carri\$4 substrat\$3 resin silic\$4 material\$2) near\$12 dielectr\$4	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:20
S217	1	S214 and (support\$4 under\$5 carri\$4 substrat \$3 resin silic\$4) near\$16 dielectr\$4	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:24
S218	1	S214 and (support\$4 under\$5 carri\$4 substrat \$3 resin silic\$4 circuit board) near\$16 (material \$3 dielectr\$4)	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:28

S219	2	S213 and (support\$4 under\$5 carri\$4 substrat\$3 resin silic\$4 circuit board) near16 (material\$3 dielectr\$4)	US-PGPUB; USPAT	OR	OFF	2007/03/27 11:28
S220	2	(US-20050035896-\$ or US-20040146452-\$).did.	US-PGPUB	OR	OFF	2008/07/23 20:12
S222	2	S220 and (felx\$5 film\$2 past\$5 polymer\$4 resin\$2 soft\$5 \$6flex\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:15
S223	1	11/431331	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:45
S224	1	S223 and ((si\$2 silicon\$2) same rub\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:47
S225	0	S220 and ((si\$2 silicon\$2) near9 rub\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:48
S226	0	S220 and ((si\$2 silicon\$2) same rub\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:48
S227	2	S220 and ((si\$2 silicon\$2) and rub\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/23 20:48
S228	2	(US-20050035896-\$ or US-20040146452-\$).did.	US-PGPUB	OR	OFF	2008/07/24 11:53
S229	2	S228 and (vinyl\$5 polyvinyl plastic\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/24 11:53
S230	1	11/431331	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/24 11:56
S231	1	S230 and (vinyl\$5 polyvinyl plastic\$2 rubber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/24 11:56
S232	1	11/431331	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/24 14:48
S233	1	S232 and (Coupl\$5 coupler\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/24 14:49

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